

## CAM-DRIVEN MULTIPLE-VIEW IMAGING SYSTEM

Abstract of the Disclosure

An improved imaging system includes a single solid state interlaced imager device such as a CCD camera chip, a displaceable mirror apparatus, and a controller for displacing the mirror apparatus in synchronism with the capture of video information by the imager device so as to obtain interlaced video information from multiple selected views. The mirror apparatus comprises a linearly displaceable shaft supporting two or more axially separated mirror surfaces and a motor-operated cam drive for reciprocatingly displacing the shaft to successively bring the mirrors into an aperture field of the imager device.